MORNINGSTAR | SUSTAINALYTICS

Physical Risk Intelligence & Scenario Modeling (PRISM)

Examples for External Consultation

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Contact Information:

Alex Osborne-Saponja
Director | ESG Methodology
alex.osborne-saponja@morningstar.com

Emily Mocek
Senior Analyst | ESG Methodology
emily.mocek@morningstar.com

Simon Martin
Lead Analyst | ESG Methodology
simon.martin@morningstar.com

The data presented in this example has been generated within our systems using our methodological approach. The data has been anonymized and selected model parameters have been set for the purposes of developing and illustrating the final deliverable. This example is a draft mock-up for illustrative purposes only. The presentation, format and display of data may change prior to launch and should not be considered representative of the final product. The data is based on the asset portfolio of a real company and presents modeled physical climate impacts under the RCP 2.6 scenario through 2050. Please see the methodology document for more details.

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P R I S M OVERVIEW

Physical Risk Intelligence & Scenario Modeling

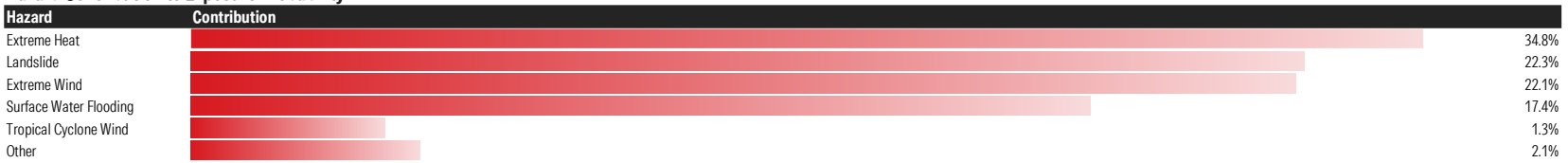
Company Name	Sample Company XYZ
Company ID	123456789
Scenario	RCP 2.6

Exposure

Physical Climate Hazard Exposure Probability

26%

Hazard Contribution to Exposure Probability



Hazard	Contribution
Extreme Heat	34.8%
Landslide	22.3%
Extreme Wind	22.1%
Surface Water Flooding	17.4%
Tropical Cyclone Wind	1.3%
Other	2.1%

Acute Hazard Contribution	42.9%
Chronic Hazard Contribution	57.1%

Physical Risk Losses

Total Losses

$37.8 Billion

Physical Climate Value at Risk

16%

Direct Loss

$10.0 Billion

Indirect Loss

$27.8 Billion

Direct Loss Split

Damages	$2.89 Billion
Disruption	$7.1 Billion

Tail End Losses

$123 Billion

Tail-End Physical Climate Value at Risk

50%

Top 20 Company Assets

Assets 1-20 | Sample Company XYZ | RCP 2.6

Rank	Location	Asset Type	Leading Hazard	Hazard Contribution	Exposure	Loss ($m)	Total Direct Loss Contribution
1	Northbrook, United States		Extreme Heat	35.0%	78.0%	$43,281.2	0.00050%
2	Manasquan, United States	Commercial	Extreme Heat	22.9%	74.0%	$2,297.6	0.00042%
3	Winston-Salem, United States	Commercial	Extreme Heat	30.3%	71.0%	$1,789.3	0.00040%
4	Winston-Salem, United States	Commercial	Extreme Heat	39.0%	68.0%	$1,349.8	0.00036%
5	Milwaukee, United States		Extreme Heat	46.5%	65.0%	$1,289.4	0.00032%
6	Vancouver, Canada		Extreme Heat	37.3%	62.0%	$1,270.0	0.00029%
7	Farmers Branch, United States	Commercial	Extreme Heat	38.6%	59.0%	$1,062.9	0.00022%
8	San Francisco, United States	Commercial	Extreme Heat	26.6%	56.0%	$642.2	0.00022%
9	Northbrook, United States		Extreme Heat	45.2%	53.0%	$614.4	0.00021%
10	Scottsdale, United States	Commercial	Extreme Heat	50.8%	50.0%	$449.3	0.00021%
11	El Monte, United States		Extreme Heat	21.0%	47.0%	$433.8	0.00050%
12	Raeford, United States	Commercial	Extreme Heat	37.3%	44.0%	$363.4	0.00042%
13	Somerset, United States	Commercial	Extreme Heat	32.5%	41.0%	$349.1	0.00040%
14	Houston, United States	Commercial	Extreme Heat	29.5%	38.0%	$306.7	0.00036%
15	Irving, United States	Commercial	Extreme Heat	38.6%	35.0%	$275.6	0.00032%
16	Markham, Canada	Commercial	Extreme Heat	39.9%	32.0%	$246.6	0.00029%
17	Jacksonville, United States	Commercial	Extreme Heat	25.2%	29.0%	$186.8	0.00022%
18	Dallas, United States		Extreme Heat	35.7%	26.0%	$186.1	0.00022%
19	New York, United States	Commercial	Extreme Heat	23.2%	23.0%	$184.6	0.00021%
20	Bozeman, United States	Commercial	Extreme Heat	45.7%	20.0%	$178.5	0.00021%

Asset Information

Leading Asset Archetype Type	Commercial
Confidence Level	89%
Recovery Days	461

Top 20 Asset Map

Asset locations | Sample Company XYZ | RCP 2.6





Rank	Location
1	Northbrook, United States
2	Manasquan, United States
3	Winston-Salem, United States
4	Winston-Salem, United States
5	Milwaukee, United States
6	Vancouver, Canada
7	Farmers Branch, United States
8	San Francisco, United States
9	Northbrook, United States
10	Scottsdale, United States
11	El Monte, United States
12	Raeford, United States
13	Somerset, United States
14	Houston, United States
15	Irving, United States
16	Markham, Canada
17	Jacksonville, United States
18	Dallas, United States
19	New York, United States
20	Bozeman, United States

Change Log

Version	Date	Initiator	Main items that changed	Rationale
1.0	11/11/2026	ESG Methodology	Created Document	N/A

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